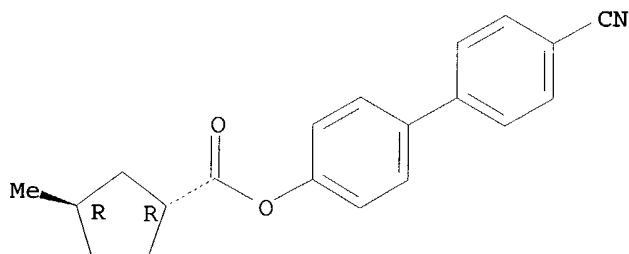


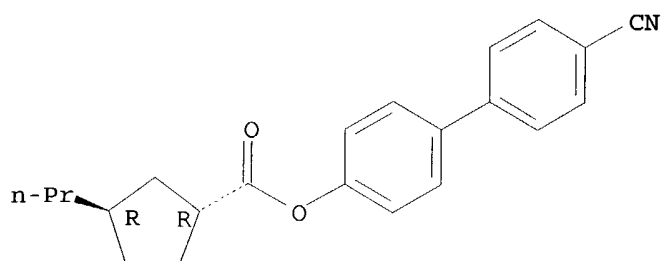
AN 1991:133344 CAPLUS  
 DN 114:133344  
 ED Entered STN: 06 Apr 1991  
 TI **Liquid crystalline** 1,3-disubstituted cyclopentanes  
 AU Karamysheva, L. A.; Geivandova, T. A.; Agafonova, I. F.; Roitman, K. V.;  
 Torgova, S. I.; Geivandov, R. Kh.; Petrov, V. F.; Rabinovich, A. Z.;  
 Grebenkin, M. F.  
 CS Inst. Org. Intermed. Dyes, Moscow, USSR  
 SO Molecular Crystals and Liquid Crystals (1990), 191, 237-46  
 CODEN: MCLCA5; ISSN: 0026-8941  
 DT Journal  
 LA English  
 CC 75-11 (Crystallography and Liquid Crystals)  
 AB Novel **liq. cryst.** 1,3-disubstituted cyclopentanes were  
 studied for physicochem. and temperature characteristics. The reaction scheme  
 and transition temps. are given.  
 ST mesomorphism cyclopentane disubstituted deriv  
 IT **Liquid crystals**  
 (disubstituted cyclopentane derivs., preparation and transition temps. and  
 dielec. properties of)  
 IT Dielectric constant and dispersion  
 (of disubstituted cyclopentane derivative **liq. crystals**  
 )  
 IT 132667-56-2P 132667-57-3P 132667-58-4P  
 132667-59-5P 132667-62-0P 132667-63-1P 132667-64-2P  
 132667-66-4P 132667-68-6P 132667-69-7P 132667-70-0P 132667-71-1P  
 132667-72-2P 132667-73-3P 132667-74-4P 132667-75-5P 132667-76-6P  
 132667-77-7P 132667-78-8P 132667-79-9P 132667-80-2P 132667-81-3P  
 132667-82-4P 132667-83-5P 132667-84-6P 132667-85-7P 132667-86-8P  
 132667-87-9P 132667-88-0P 132667-89-1P 132667-90-4P 132667-91-5P  
 132667-92-6P 132680-76-3P  
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
 (liq. crystal, preparation and transition temps. of)  
 IT 132667-60-8P 132667-61-9P 132667-65-3P 132667-67-5P  
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
 (preparation and transition temps. of)  
 IT 132667-56-2P 132667-57-3P 132667-58-4P  
 132667-59-5P  
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
 (liq. crystal, preparation and transition temps. of)  
 RN 132667-56-2 CAPLUS  
 CN Cyclopentanecarboxylic acid, 3-methyl-, 4'-cyano[1,1'-biphenyl]-4-yl  
 ester, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 132667-57-3 CAPLUS  
 CN Cyclopentanecarboxylic acid, 3-propyl-, 4'-cyano[1,1'-biphenyl]-4-yl  
 ester, trans- (9CI) (CA INDEX NAME)

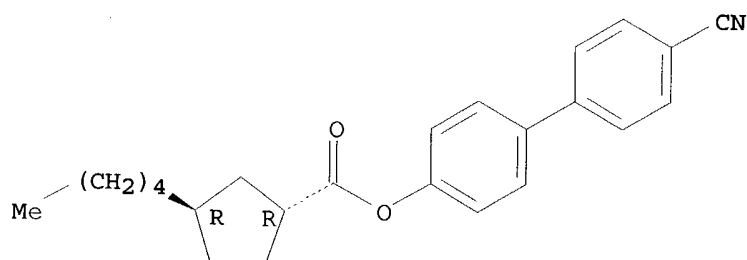
Relative stereochemistry.



RN 132667-58-4 CAPLUS

CN Cyclopentanecarboxylic acid, 3-pentyl-, 4'-cyano[1,1'-biphenyl]-4-yl ester, trans- (9CI) (CA INDEX NAME)

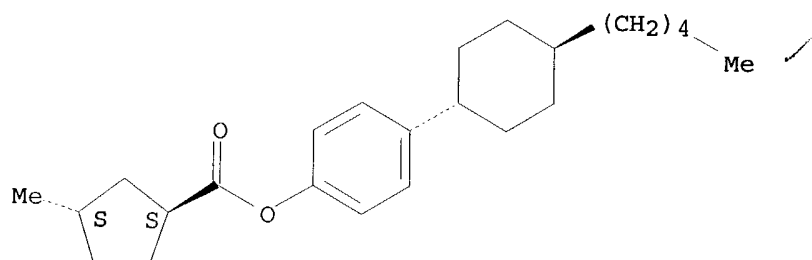
Relative stereochemistry.



RN 132667-59-5 CAPLUS

CN Cyclopentanecarboxylic acid, 3-methyl-, 4-(4-pentylcyclohexyl)phenyl ester, [1 $\alpha$ (trans),3 $\beta$ ]- (9CI) (CA INDEX NAME)

Relative stereochemistry.



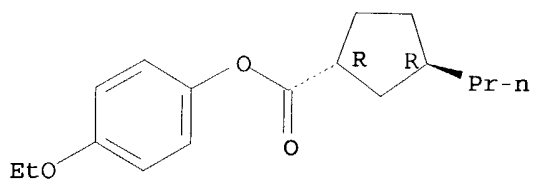
IT 132667-60-8P 132667-61-9P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
(preparation and transition temps. of)

RN 132667-60-8 CAPLUS

CN Cyclopentanecarboxylic acid, 3-propyl-, 4-ethoxyphenyl ester, trans- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.



RN 132667-61-9 CAPLUS

CN Cyclopentanecarboxylic acid, 3-propyl-, 4-cyanophenyl ester, trans- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.

